

MASSACHUSETTS PLoughman



VOLUME XLVI: NO. 26.

BOSTON, SATURDAY, MARCH 26, 1887.

WHOLE NUMBER 2354



Official Organ of the N. E. Agricultural Society

INCORPORATED AS 'PLoughman BUILDERS.'

No. 45 Milk Street, Boston, Mass.

(Opposite the New Post Office.)

BOSTON.

GE. NOTES. Ploughman Company

PROPRIETORS.

Frances - 60¢ per annum, advanced, \$2.00

per year, to agents. Postage Free. Single copy

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the names and individual characters of the

merchants and manufacturers.

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lines, one insertion, \$1.00; each subsequent insertion,

50¢.

Editorial.

THE STATE EXPERIMENT STATION.

We made timely reference in the last issue

of the Ploughman to the fourth annual report

of the Board of Control of the Station at

Amherst, which showed that the past year

there has been one of marked increase in

the additional appropriation granted by the

Legislature for the State Agricultural

Experiment Station. The additional amount

of \$10,000 has been provided to answer the

requirements of its erection. To the build-

ings already existing for experiments in stock

feeding a new one has been added, a wooden

structure fifty feet by twenty-six with

twelve feet high, well lighted and ven-

tilated, and containing six separate stalls for

cows and two for horses. By removing the

structure devoted to feeding experiments

with pigs and sheep to more convenient

locations, the various kinds of farm live stock for feed-

ing experiments have been made more con-

venient and good economy has been promoted.

All the details of the improvements carried

out are given in the Ploughman. The farm

drawing-room and the principal barn and

sheep have been kept in good repair. The

field work has been on a more extensive scale

than in any preceding year, new lands having

been added to those already occupied. When

the Station was first established it controlled

two fields widely separated; the smaller one

reverted to the College, while the other, some

square miles, are located all buildings and

experimental fields described in the four

annual reports. The new lands added con-

sist of two acres of unimproved grass land

and about ten acres of wood land, the entire

field being of the western slope of

the prominent and extended elevation, covered

with a dense natural forest. Three thousand

hundred feet of drain tiles have been

laid to improve the growth on the low lands.

Twelve acres of the twenty of old grass

and soil during the coming season by drifts

of earth and stones.

The design is to plant fruit trees on the more elevated

parts, and devote the remainder to general

agriculture.

Mr. J. P. Peterson.

Green, March 21, 1887.

CAUSES OF FAILURE IN FISH

CULTURE.

Many failures occur through the impre-

cision of fish culture, as a substitute for

the natural food of the fish.

There are also causes of failure which

are not natural.

The causes of failure are as follows:

1. The water is not suitable for the

fish.

2. The water is not pure.

3. The water is not clear.

4. The water is not deep enough.

5. The water is not warm enough.

6. The water is not clean enough.

7. The water is not deep enough.

8. The water is not warm enough.

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